Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 17 May 2023 until 23:59 on Thursday 18 May 2023

Forecast Issued on Wednesday 17 May 2023 at 03:00

Confidence: High confidence in generally settled conditions over the next couple of days, lower confidence in timings and intensity of rain and showers later in the week.

Headline for Wednesday 17 May 2023: A rather cloudy yet fine day once any early morning low cloud lifts and breaks above summits. One or two showers possible from late morning.

Mountain weather hazards on Wednesday 17 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Dull	Cloudy	Sunny intervals	Cloudy
Precipitation probability					
10%	30%	20%	00%	10%	<05%

Forecast for Wednesday 17 May 2023

Weather: Chance of some low cloud shrouding higher peaks to start Wednesday morning, with some misty patches down in the valleys giving a chilly feel to the morning. This soon breaking and lifting, with cloud lifting and breaking above summits by mid-morning with some sunshine. Rather cloudier into the afternoon with some hazy sunshine filtering through at times. Little change into the evening period. One or two light showers possible.

Chance of cloud-free hill tops above 600m: 60% early, becoming 100% by mid-morning.

Low cloud and visibility: Areas of scattered to broken cloud with bases around 500m covering some peaks early on, but generally lifting and breaking through the morning, clearing summits by late morning. Visibility poor initially in low cloud, but quickly improving, with visibilities becoming very good to excellent through the day, although dropping to moderate in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 17 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 W	8/11 NW	8/12 NW	9/13 W	9/13 W	6/9 SW	7/11 SW
300	7/9 W	7/9 NW	8/12 NW	7/12 NW	7/12 W	4/6 SW	4/6 W
Valley	4/7 W	5/9 W	6/12 NW	7/12 NW	7/13 W	3/6 W	2/5 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	8/6	10/8	11/9	11/9	9/7	8/6
300	8/6	10/9	12/11	13/12	13/12	11/10	10/9
Valley	9/8	12/11	14/13	14/13	14/13	10/10	9/9
Freezing Level*	1500m	1500m	1700m	1800m	1600m	1500m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels expected, even with rather cloudy conditions, so extra sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 17 May 2023	0mm	0mm	0.2mm

Forecast for Thursday 18 May 2023

Weather: A cloudy but fine day with some hazy sunshine filtering through at times. Some sunshine through the day with bright or sunny spells, before cloud thickens up from the west later on.

Maximum wind: Southwesterly 8-12 mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Cloud should be comfortably above summits through the day, thickening into the late evening. Visibility generally very good to excellent.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 5 Celsius, rising to Plus 10 Celsius.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.